

Beaman Negash

West Orange, NJ, 07052

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Education

Rutgers, The State University of New Jersey, New Brunswick, NJ

May 2023

B.S. in Electrical and Computer Engineering

Dean's List: Spring 2020, Fall 2020, Spring 2021

GPA: 3.50

Projects

Black Tech Health Hack - Johnson & Johnson / Amazon Web Services

October 2020

Hackathon

- Explored why Black and Brown communities are disproportionately affected by public health crises and how tech can be used to ensure health equality
- Worked in a group of 3 alongside Johnson & Johnson and Amazon Web Services professionals to investigate health disparity using python
- Acquired a better understanding of how Amazon Web Services, Machine Learning, and AI can be used by exhibiting work to a panel of judges and finishing 3rd in a competition comprising of 27 teams

Engineers of the Future - Rutgers University

June 2019 – August 2019

NextGen Project Competition

- Worked in a group of 3 to develop an understanding of civil engineering principles through conducted research on simple machines and mechanical advantage
- Delegated responsibilities on strengths and collaborated with the design/build of a functional tower crane being able to lift objects weighing 20+ pounds
- Formally presented functional tower crane alongside 13-page technical paper at a symposium with 100+ attendees including deans, faculty, and recruiters

Work Experience

Rutgers Office of Disability Services

January 2021 – Present

Note Taker

- Listened to lectures, presentations, and class dialogue to assemble critical points and information for students receiving accommodations through the Office of Disability Services
- Typed, organized, and timely uploaded notes to the resource center server every week for distribution to an undisclosed number of students

Cold Stone Creamery

June 2018 – August 2018

Crew Member

- Performed 25-hour workweeks with daily operations including opening/closing of the store, receiving/processing payments, and maintaining a clean and sanitary environment
- Worked in a collaborative environment that required articulate communication and professional customer service skills to serve 100+ customers per day

Leadership

Mountaineer Mentor - West Orange High School

June 2017 – June 2019

Mentorship Program

- Mediated and facilitated personal, academic, and professional growth of incoming freshman classes of 500 + students to cultivate a successful high school mindset
- Encouraged volunteerism in the neighborhood with events such as the STOP for Nikhil Run/Walk, Hazel Avenue Street Fair, Daughters of Israel Retirement Home

Certifications

Microsoft Certification – MTA: Software Development Fundamentals

- Certification of Exam 98-361: Software Development Fundamentals displays core understanding of programming, object-oriented programming, software development, web applications, desktop applications, and databases keen to Microsoft standards

Cisco Certification - Completion of IT Essentials: PC Hardware and Software

- Course certification demonstrates sufficient insight of Information Technology and the knowledge needed to keep systems running at optimal conditions met by Cisco standards

Skills

- Technical Skills: Python (Intermediate), MATLAB (Intermediate), C/C++ (Beginner)
- Languages: English & Amharic